

Doboy S-CH-S Heavy Duty Continuous Band Sealer.

30" OF HEAT SEALING SURFACE FOR HIGH SPEED SEALING OF HEAVY DUTY BAGS.

APPLICATIONS

With twice as much heat sealing surface as our CBS-D 1500 series continuous band sealers, the S-CH-S is designed to seal up to 8 mil. thick material, heavy-weight bags, without sacrificing speed or efficiency. This machine is ideal for a variety of bulk product applications such as fertilizer, resins, titanium dioxide, garden products, agricultural chemicals, pet foods, and many more.

CONSTRUCTION

The main frame components of the S-CH-S are designed with extensive castings and cold-rolled plate steel for dependable operation even in the most adverse conditions. The floorstand is constructed of welded tubular steel with a hand crank for vertical height adjustment. Guarding is constructed of both painted sheet metal and polycarbonate, providing increased visibility during production. Guarding is equipped with safety interlocks for safe machine operation.

BAG TOP CONTROL

Full-length, 1" (25mm) wide steel cord reinforced, urethane timing belts with a nylon tooth cover securely grip the bag to provide positive bag top control. The timing belt minimizes maintenance and wear.

SEALING BANDS

PTFE-coated fiberglass sealing bands help provide stronger seals on gusseted bags and dramatically reduce wear on the heating and cooling bars. The sealing bands are self-tracking, self-aligning and can be replaced in under two minutes without the use of tools!

SINGLE POINT GAP ADJUST

The heating and cooling bars along with the compression rollers are mounted to a special indexing plate with a calibrated reference scale readout to allow bar gap adjustments from one central point. This eliminates the need to adjust each bar individually, saving time and providing precision adjustments. Doboy's unique gap adjustment feature also reduces wear on the bands and gives more precise control over seal appearance.

SAFE & EASY OPERATION

Most machine functions, including the four independent heat zones, are controlled by a PLC and settings can be adjusted from a user-friendly Allen Bradley touchscreen, making this machine easily integrated with upstream or downstream equipment. AC variable frequency drive allows the machine speed to be set from the control panel with no belts or pulleys to adjust. High-product detection feature stops the machine when bags are overfilled preventing damage to the machine.

Benefits

- ▣ **High speed, industrial sealer** for large, heavy bags up to 8 mil. thicknesses at speeds up to 100' (30m) per minute
- ▣ **PLC controlled** machine functions for easy operation and integration with upstream and downstream equipment
- ▣ **Heavy duty construction** for long lasting operation in tough environments



Machine shown with optional trimmer and style B, left-to-right feed direction.

Packaging Line Structure.

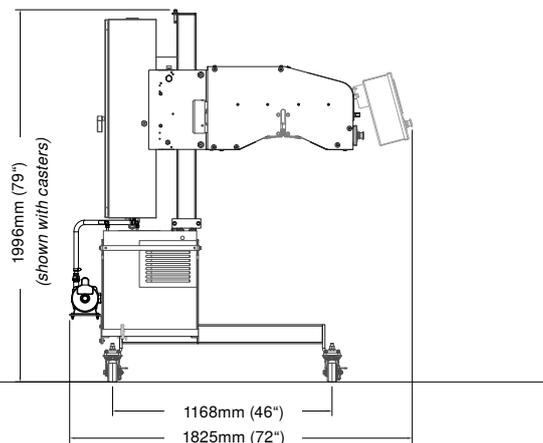
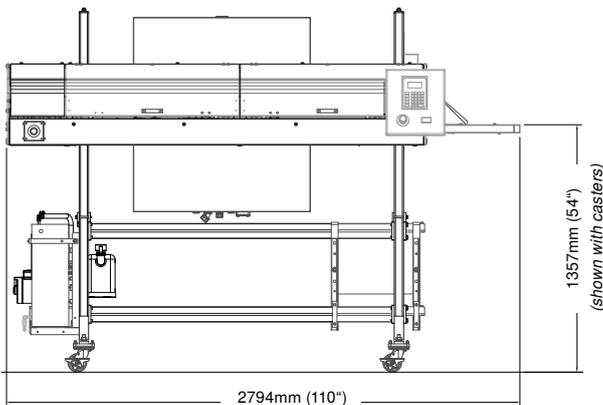
Product Handling			Primary Packaging			Secondary Packaging		
Pick & Place	Distribution	Feeding	Flow Wrapping	Vertical Bagging	Bag Sealing	Forming	Closing	Loading

S-CH-S

Additional Options

- ❑ Bag top trimmer features a single, high speed cutter blade and positive scrap discharge (adds 25" / 635mm to OAL)
- ❑ Tapered infeed
- ❑ 9mm (3/8"), 12mm (1/2"), 19mm (3/4") seal widths
- ❑ Band break detector
- ❑ Self contained water recirculation system
- ❑ Fully integrated electronic package that can be supplied for integration with a bagger and scale
- ❑ Casters
- ❑ S-CH-S spare parts kit
- ❑ Left-to-right feed direction
- ❑ UL / CE certification
- ❑ Optional voltages

Floorplan



Technical Specifications

Machine Size

Length	2794mm (110")
Length with Trimmer	3429mm (135")
Width	1825mm (72")
Height	1880mm (74")
Sealing Height	762-1422mm (30 - 56")
	<i>Add 130mm (5") for casters</i>

Specifications

Production Speed	*Up to 30m (1,200") per minute
Product Range	Heat-sealable films up to 8 mil. gusseted / coated woven poly propylene
Sealing Bands	PTFE-coated fiberglass
Sealing Width	6mm (1/4") standard
Heat Bars	4 pairs 190mm (7.5") long (760mm / 30" total)
Compression	Series of 5 adjustable pressure/gusset rollers
Cooling	2 pair of air/fan-cooled or water-cooled
Main Drive	AC drive / variable frequency control
Temperature Control	(4) independent heat zones
Electrical	230 volt, 60 hz, 3 phase NEMA 12
Air Requirements	5 CFM @ 80 PSI

*Speed is dependent upon film gauge & structure.



Heat seal section of the S-CH-S with (4) sets of heat bars.

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Subject S-CH-S

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Some photos depict this machine with the safety guarding removed for illustration purposes. Never operate the S-CH-S without the proper safety guarding installed.